

ABSTRACT

A fiber optic module includes a first housing insert molded with an electromagnetic interference (EMI) shield, an optoelectronic subassembly mounted in the first housing, and a second housing mounted to the first housing to enclose the optoelectronic subassembly. The EMI shield includes a conductive mesh and conductive contact fingers. The first housing includes a non-conductive housing floor, non-conductive housing sidewalls, and a non-conductive nose defining at least one connector receptacle, wherein the housing floor and the housing sidewalls are injection molded through the mesh of the EMI shield to be integral with the nose and so that the fingers at least partially surround the nose.